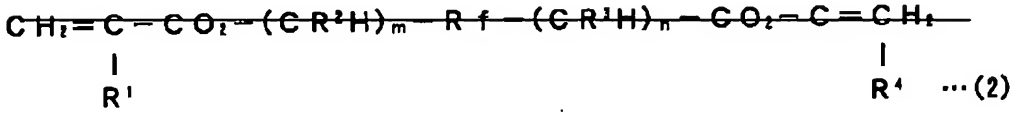
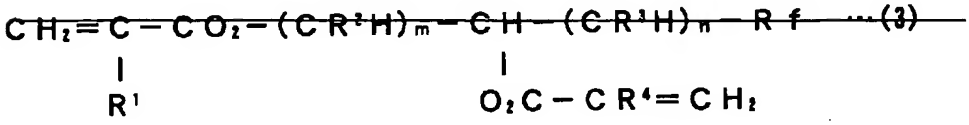
IN THE CLAIMS:

1-3. (Canceled)

4. (Currently Amended) A pellicle comprising a pellicle film made of a fluorine-containing polymer and a pellicle frame for supporting the pellicle film, wherein

the pellicle film is adhered to the pellicle frame through an adhesive layer comprising a fluorine-containing polymer and a substance resulting from curing of an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer ~~is~~ comprises ~~at least one kind of~~ a monomer ~~selected from the group consisting of~~ represented by general formula ~~formulas~~ (1)~~, (2), and (3)~~:





wherein R^1 ~~and R^4 each independently representing~~ represents hydrogen or a methyl group, R^2 ~~and R^3 each independently representing~~ represents hydrogen or a hydroxyl group, Rf is a fluorine-containing group, and l~~, m and n each are~~ is an integer of 1 to 8,

and the fluorine-containing polymer of said adhesive is a copolymer comprising structural units represented by the following formulas (4), (5), and (6):

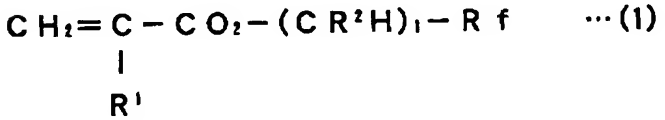
$-C_2F_4-$ (4)

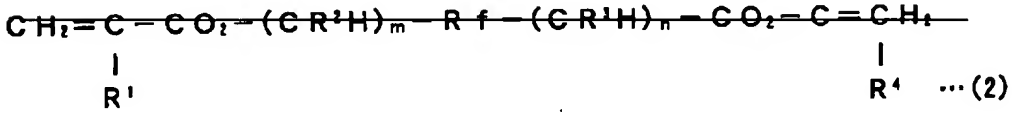
$-C_3H_6-$ (5)

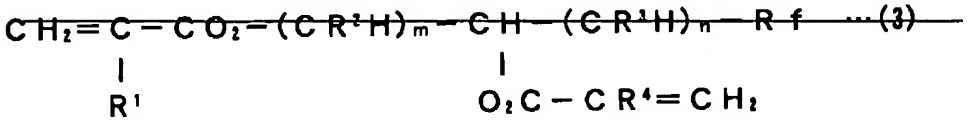
$-C_2H_2F_2-$ (6).

5. (Currently Amended) A method for producing a pellicle including a pellicle film made of a fluorine-containing polymer and a pellicle frame for supporting the pellicle film, comprising

adhering the pellicle film to the pellicle frame through an adhesive comprising a fluorine-containing polymer and an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer ~~is~~ comprises ~~at least one kind of~~ a monomer ~~selected from the group consisting of~~ represented by general formula ~~formulas~~ (1)~~, (2), and (3)~~:







wherein R^1 ~~and R^4 each independently representing~~ represents hydrogen or a methyl

group, R^2 ~~and R^3 each independently representing~~ represents hydrogen or a hydroxyl group, Rf is a fluorine-containing group, and l~~, m and n each are~~ is an integer of 1 to 8, and the fluorine-containing polymer of said adhesive is a copolymer comprising structural units represented by the following formulas (4), (5), and (6):

$-C_2F_4-$ (4)

$-C_3H_6-$ (5)

$-C_2H_2F_2-$ (6).

6. (Canceled)

7. (Previously Presented) The pellicle as recited in claim 4, wherein the fluorine-containing polymer of said adhesive is a copolymer comprising structural units represented by formula (7):

$-(C_2F_4)_a-(C_3H_6)_b-(C_2H_2F_2)_c-$ (7)

wherein each of a, b and c is a positive integer.

8. (Previously Presented) The method as recited in claim 5, wherein the fluorine-containing polymer of said adhesive is a copolymer comprising structural units represented by formula (7):

$-(C_2F_4)_a-(C_3H_6)_b-(C_2H_2F_2)_c-$ (7)

wherein each of a, b and c is a positive integer.

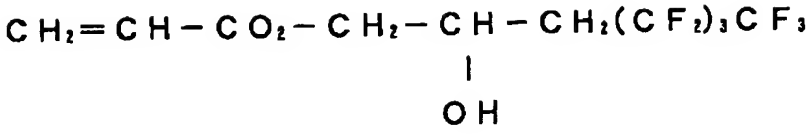
9. (Canceled)

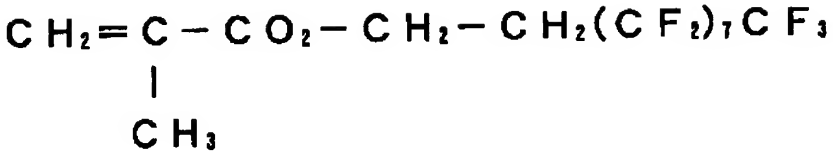
10. (Currently Amended) The pellicle as recited in claim 4, wherein the ratio between the fluorine-containing polymer of said adhesive and the ultraviolet-curing fluorine-containing monomer contained in the adhesive layer is fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = ~~1:0.25 to 0.5~~ 17:4.3 to 8.5 (weight ratio) in the case of monoacrylate fluorine-containing monomer represented by general formula ~~(2)~~ (1)~~; and fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = 1:0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by general formula (3) or (4)~~.

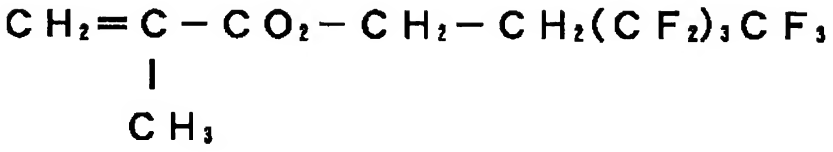
11. (Currently Amended) The method as recited in claim 5, wherein the ratio between the fluorine-containing polymer of said adhesive and the ultraviolet-curing fluorine-containing monomer contained in the adhesive layer is fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = ~~1:0.25 to 0.5~~ 17:4.3 to 8.5 (weight ratio) in the case of monoacrylate fluorine-containing monomer represented by general formula ~~(2)~~ (1)~~; and fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = 1:0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by general formula (3) or (4)~~.

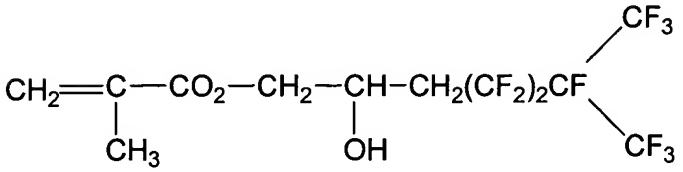
12. (Canceled)

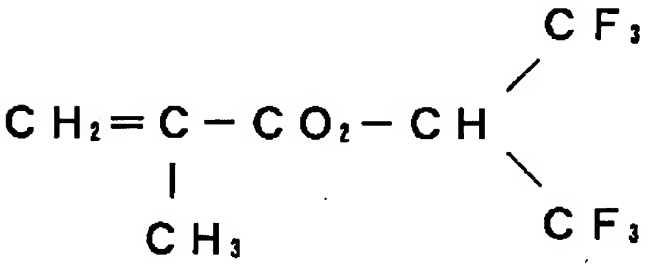
13. (Previously Presented) The pellicle as recited in claim 4, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (1) is at least one selected from the group consisting of:

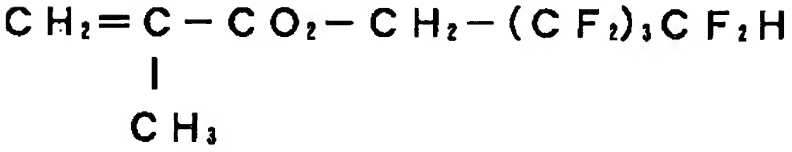




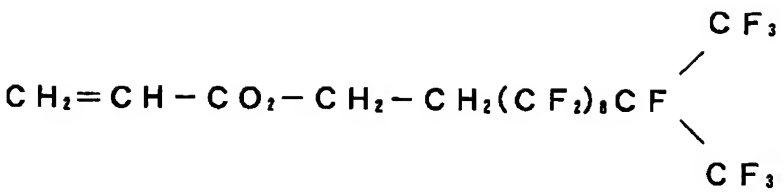




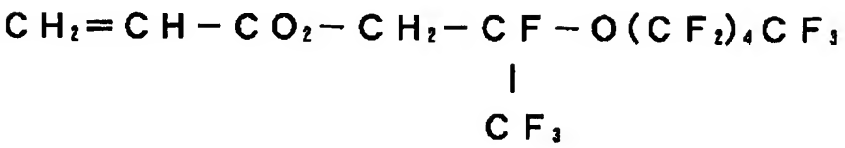




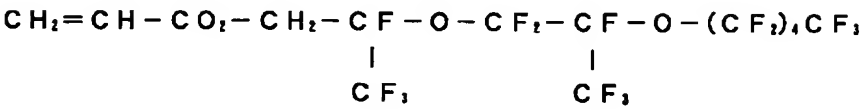
CH_2=CH-CO_2-CH_2-CH_2-$(CF_2)_9CF_3$



CH_2=CH-CO_2-$CH_2(CF_2)_4CH_2OH$

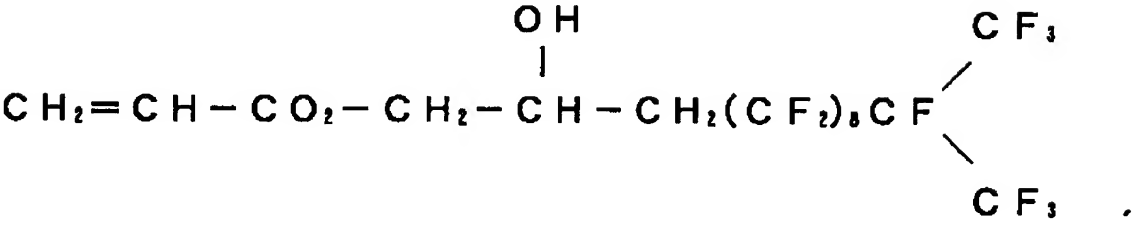


CH_2=CH-CO_2-$(CH_2)_6$-$(CF_2)_5CF_3$

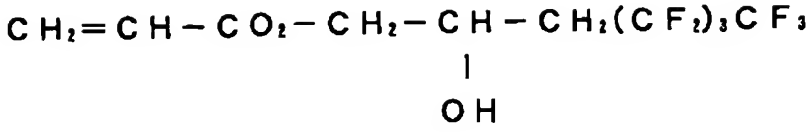


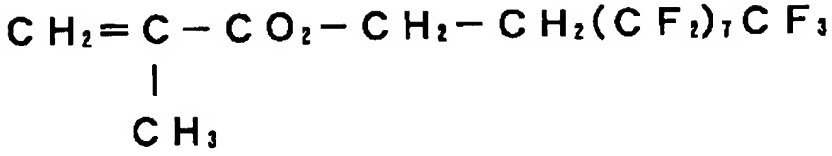
CH_2=CH-CO_2-CH_2-$(CF_2)_5CF_2H$

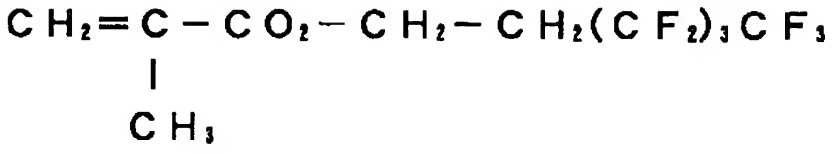
CH_2=CH-CO_2-$(CH_2)_6(CF_2)_3CF_3$ and

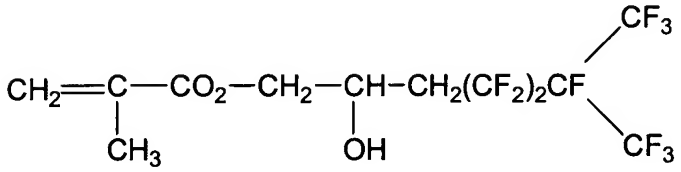


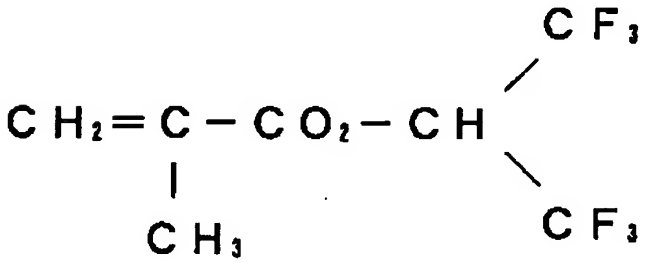
14. (Previously Presented) The method as recited in claim 5, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (1) is at least one selected from the group consisting of:

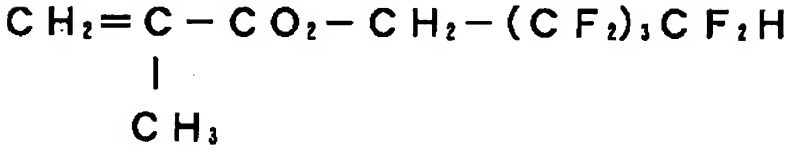




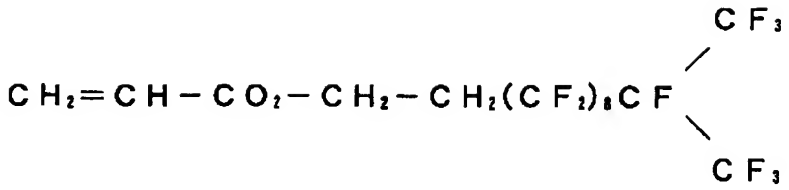




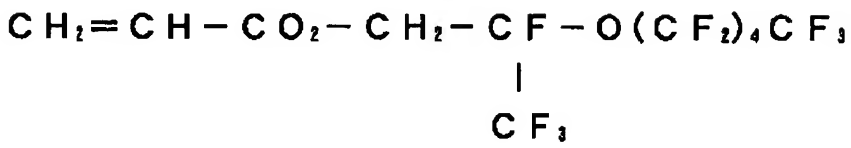




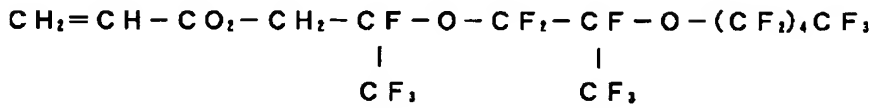
CH_2=CH-CO_2-CH_2-CH_2-$(CF_2)_9CF_3$



CH_2=CH-CO_2-$CH_2(CF_2)_4CH_2OH$

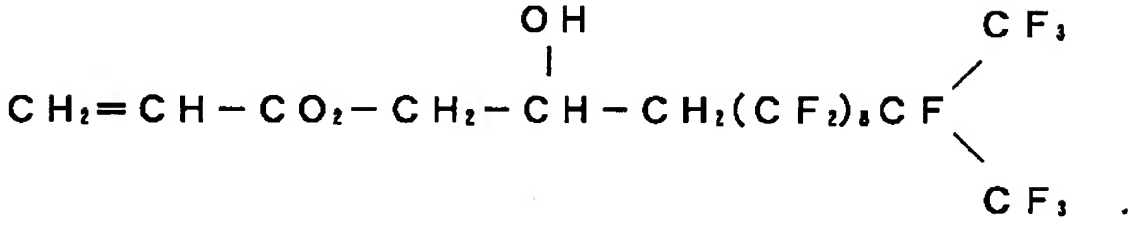


CH_2=CH-CO_2-$(CH_2)_6$-$(CF_2)_5CF_3$



CH_2=CH-CO_2-CH_2-$(CF_2)_5CF_2H$

CH_2=CH-CO_2-$(CH_2)_6(CF_2)_3CF_3$ and



15. (Canceled)

16. (Currently Amended) The pellicle as recited in claim [[4]] 24, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (2) is at least one selected from the group consisting of:

$CH_2=CH-CO_2-CH_2-(CF_2)_2-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_4-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_6-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_8-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$ (n and m are respectively 1 to 3)

$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$ (n and m are respectively 1 to 3)

$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-C(CH_3)=CH_2$ (n and m are respectively 1 to 3) and

$CH_2=CH-CO_2-CH(OH)-(CF_2)_4-(CH)_n-CO_2-CH=CH_2$ (n is 1 to 3).

17. (Currently Amended) The method as recited in claim [[5]] 25, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (2) is at least one selected from the group consisting of:

$CH_2=CH-CO_2-CH_2-(CF_2)_2-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_4-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_6-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_8-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$ (n and m are respectively 1 to 3)

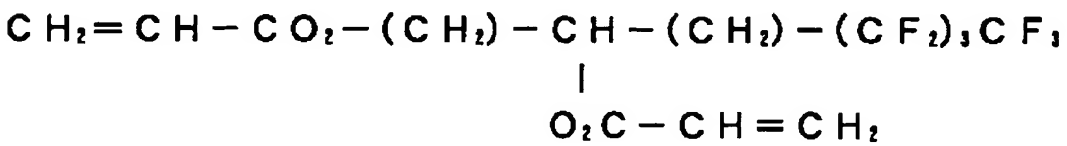
$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$ (n and m are respectively 1 to 3)

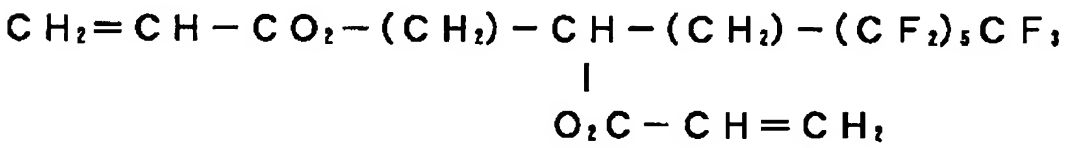
$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-C(CH_3)=CH_2$ (n and m are respectively 1 to 3) and

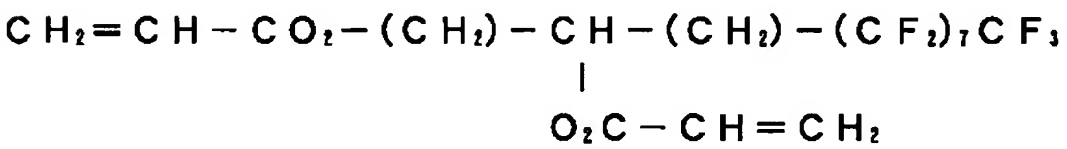
$CH_2=CH-CO_2-CH(OH)-(CF_2)_4-(CH)_n-CO_2-CH=CH_2$ (n is 1 to 3).

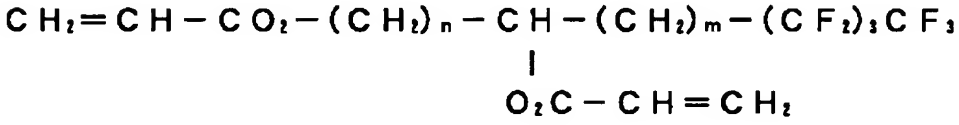
18. (Canceled)

19. (Currently Amended) The pellicle as recited in claim ~~5~~ 24, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (3) is at least one selected from the group consisting of:



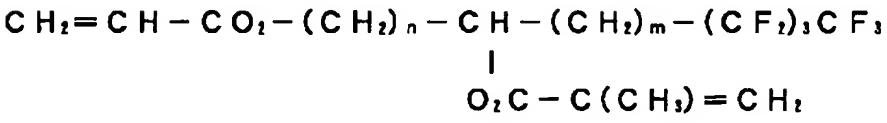






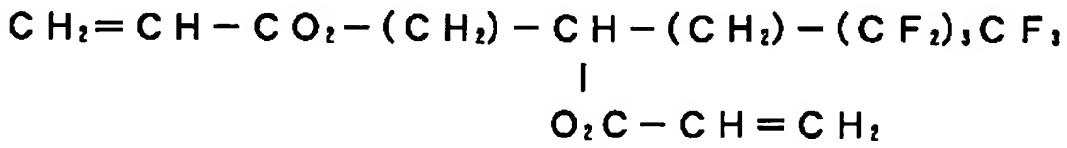
(n and m are respectively 1 to 3)

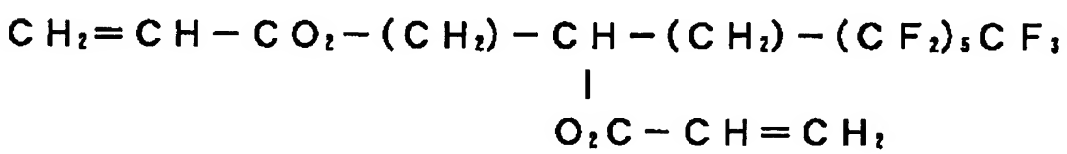
and

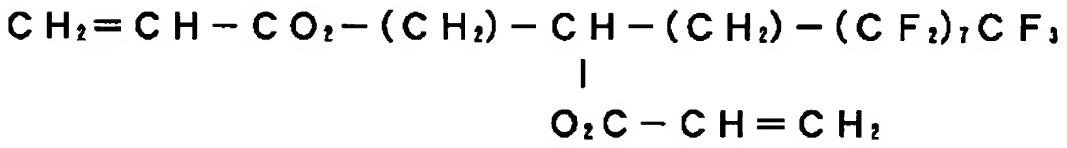


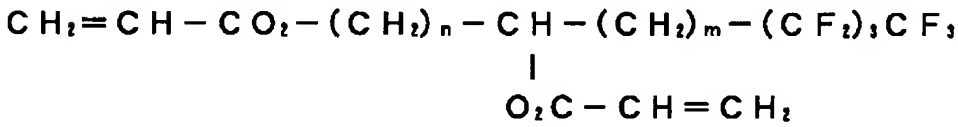
(n and m are respectively 1 to 3) .

20. (Currently Amended) The method as recited in claim [[5]] 25, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (3) is at least one selected from the group consisting of:



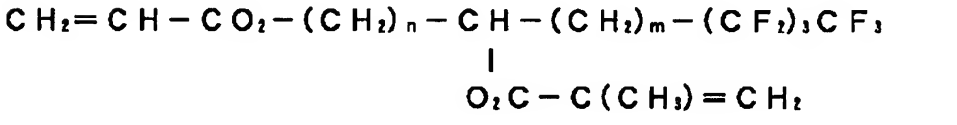






(n and m are respectively 1 to 3)

and



(n and m are respectively 1 to 3).

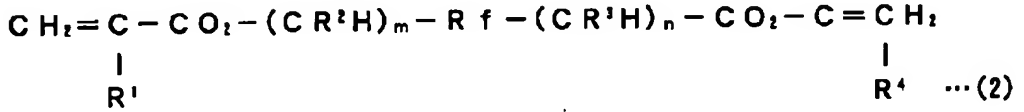
21. (Canceled)

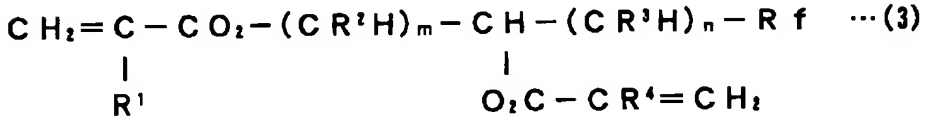
22. (Currently Amended) The pellicle as recited in claim 4, wherein in the ultraviolet-curing fluorine-containing monomer according to general formula ~~formulas~~ (1)~~, (2) and (3)~~, R^1 ~~and R^4 each~~ represents ~~represent~~ a methyl group.

23. (Currently Amended) The pellicle as recited in claim 5, wherein in the ultraviolet-curing fluorine-containing monomer according to general formula ~~formulas~~ (1)~~, (2) and (3)~~, R^1 ~~and R^4 each~~ represents ~~represent~~ a methyl group.

24. (New) A pellicle comprising a pellicle film made of a fluorine-containing polymer and a pellicle frame for supporting the pellicle film, wherein

the pellicle film is adhered to the pellicle frame through an adhesive layer comprising a fluorine-containing polymer and a substance resulting from curing of an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer comprises at least one kind of monomer selected from the group consisting of general formulas (2) and (3):





wherein R^1 and R^4 each independently represent hydrogen or a methyl group, R^2 and R^3 each independently represent hydrogen or a hydroxyl group, Rf is a fluorine-containing group, and m and n each are an integer of 1 to 8, and the fluorine-containing polymer of said adhesive is a copolymer comprising structural

units represented by the following formulas (4), (5), and (6):

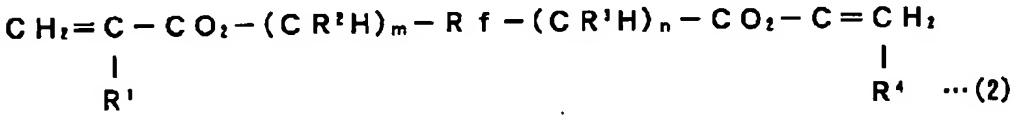
$-C_2F_4-$ (4)

$-C_3H_6-$ (5)

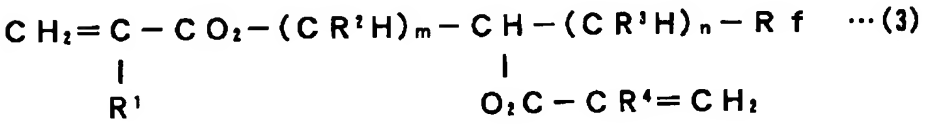
$-C_2H_2F_2-$ (6).

25. (New) A method for producing a pellicle including a pellicle film made of a fluorine-containing polymer and a pellicle frame for supporting the pellicle film, comprising

adhering the pellicle film to the pellicle frame through an adhesive comprising a fluorine-containing polymer and an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer comprises at least one kind of monomer selected from the group consisting of general formulas (2) and (3):



... (2)



... (3)

wherein R^1 and R^4 each independently represent hydrogen or a methyl group, R^2 and R^3 each independently represent hydrogen or a hydroxyl group, Rf is a fluorine-containing group, and m and n each are an integer of 1 to 8, and the fluorine-containing polymer of said adhesive is a copolymer comprising structural units represented by the following formulas (4), (5), and (6):

$-C_2F_4-$ (4)

$-C_3H_6-$ (5)

$-C_2H_2F_2-$ (6).

26. (New) The pellicle as recited in claim 24, wherein the ratio between the fluorine-containing polymer of said adhesive and the ultraviolet-curing fluorine-containing monomer contained in the adhesive layer is fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = 17.0:4.3 to 12.0:36.0 (weight ratio) in the case of fluorine-containing monomer represented by general formula (2); and fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = 1:0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by general formula (3).

27. (New) The method as recited in claim 25, wherein the ratio between the fluorine-containing polymer of said adhesive and the ultraviolet-curing fluorine-containing monomer contained in the adhesive layer is fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = 17.0:4.3 to 12.0:36.0 (weight ratio) in the case of fluorine-containing monomer represented by general formula (2); and fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = 1:0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by general formula (3).

28. (New) The pellicle as recited in claim 24, wherein in the ultraviolet-curing fluorine-containing monomer according to general formulas (2) and (3), R^1 and R^4 each represent a methyl group.

29. (New) The pellicle as recited in claim 25, wherein in the ultraviolet-curing fluorine-containing monomer according to general formulas (2) and (3), R^1 and R^4 each represent a methyl group.